CLAIMS

What is claimed is:

1. An apparatus for generating files, the apparatus comprising:

    a first logic configured to perform a technical writing tool algorithm, the
5   technical writing tool algorithm for receiving input describing a particular
    selected format and content for a document, the technical writing tool
    algorithm for processing said input to generate a first markup language
    file, wherein said first markup language file is printable as a hardcopy
    document, said first markup language file including first markup language
10 formatting information; and

    a second logic configured to receive the first markup language file
    and to perform a conversion algorithm that converts the first markup language file into
    a second markup language file, wherein said second markup language file includes a
    second markup language formatting information describing a particular on-line format
15 and content of said document.

2. The apparatus of claim 1, wherein said input describing said particular format
    includes style information that describes a style that document elements are to have if
    the first markup language file is printed.
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3. The apparatus of claim 1, wherein said input describing said particular format
    includes style information that describes a style that document elements are to have if
    the second markup language file is placed on-line.

25 4. The apparatus of claim 1, wherein said first markup language is a Standard
    Generalized Markup Language (SGML).

5. The apparatus of claim 1, wherein said second markup language is a Hypertext
    Markup Language (HTML).
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6. The apparatus of claim 1, wherein said technical writing tool algorithm is a

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computer program known as Adobe® FrameMaker + SGML.

7.   The apparatus of claim 1, wherein said conversion algorithm is a computer program known as WebWorks® Publisher Professional.

8.   The apparatus of claim 1, wherein said first markup language is a Standard Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

9.   The apparatus of claim 8, wherein said first logic is pre-configured to map styles native to said technical writing tool algorithm to styles native to said conversion algorithm, and wherein said first markup language formatting information includes information relating to said styles native to said conversion algorithm.

10.   A   method   for   generating   files,   the   method   comprising:
      processing input describing a particular desired format and content for a document to generate a first markup language file, wherein said first markup language file is printable as a hardcopy document, said first markup language file including first markup language formatting information; and
      converting   the   first   markup   language   file   into   a second markup language file, wherein said second markup language file includes second markup language formatting information that describes a particular on-line format and content of said document when it is placed on-line.

11.   The method of claim 10, wherein said input describing said particular format includes style information that describes a style that document elements are to have if the first markup language file is printed.

12.   The method of claim 10, wherein said input describing said particular format includes style information that describes a style that document elements are to have if the second markup language file is placed on-line.

5   13.   The method of claim 10, wherein said first markup language is a Standard Generalized Markup Language (SGML).

14.   The method of claim 10, wherein said second markup language is a Hypertext Markup Language (HTML).

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15.   The method of claim 10, wherein the processing step is performed by a technical writing tool software program being executed on a computer, wherein said technical writing tool program is Adobe® FrameMaker + SGML.

15   16.   The method of claim 10, wherein the step of converting is performed by conversion software program being executed on a computer, wherein the conversion software program is WebWorks® Publisher Professional.

17.   The method of claim 16, wherein said first markup language is a Standard
20   Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

18.   The method of claim 10, wherein the processing step is performed by a technical writing tool software program being executed on a computer, and wherein
25   the step of converting is performed by conversion software program being executed on a computer, and wherein prior to the processing step, a pre-configuration step is performed, said pre-configuration step comprising:

mapping styles native to said technical writing tool software program to styles native to said conversion software program, and wherein said first markup language
30   formatting information includes information relating to said styles native to said conversion software program.

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19.   The method of claim 18, wherein said first markup language is a Standard Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

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20.   A computer program for generating files, the computer program embodied on a computer-readable medium, the computer program comprising:

a first algorithm, the first algorithm processing input describing a particular desired format and a content for a document to generate a first markup language file, wherein said first markup language file is printable as a hardcopy document, said first markup language file including first markup language formatting information; and

a second algorithm, the second algorithm converting the first markup language file into a second markup language file, wherein said second markup language file includes second markup language formatting information that describes a particular on-line format and content of said document when it is placed on-line.